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Science Careers
From the journal Science AAAS

GRANTS

WELCOME PROGRAMME
The last call for proposals
Welcome programme is addressed to
foreign scientists or Polish scientists
returning to country, who wish to
conduct scientific research in Poland with
the participation of young researchers.
(MSc students, PhD students, and
Postdocs).

The offered funding consists of stipends
(tax exempt) for a group leader (up
to 80 000 euro/year), Master level
students, PhD students, Postdocs (1100
euro/month) and grants amounting to
230 000 euro/year/group.

The closing date for
applications is 15 October 2010.

For further information visit:
www.fnp.org.pl

The programme is cofinanced from
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within Innovative Economy Operational
Programme.

ASSISTANT/ASSOCIATE/
FULL PROFESSOR
Diabetes, Obesity,
Metabolic Disease
Department of
Pharmaceutical Sciences

The Wayne State University Depart-
ment of Pharmaceutical Sciences
invites applications for a 12-month,
tenured or tenure-track positions at
the assistant, associate, or full profes-
sor level. Preference will be accorded
applicants with interdisciplinary
research interests complementary
to existing strengths in diabetes,
obesity and metabolic disease.
Out-
standing candidates with expertise in
pharmacogenetics/pharmacogenomics
and other areas will also be considered.
The successful applicant is expected
to have or to develop a vigorous,
externally funded research program
and to provide high-quality teaching
in the PhD and PharmD programs.
Highly competitive start-up, com-
ensation and benefits are offered.
The department occupies spacious
state-of-the-art labs in a new building
on the Medical School-Detroit Medi-
cal Center campus, with outstanding
opportunities for research collabora-
tions [http://www.cphs.wayne.edu/psc/index.php].

Application review will begin in June
or early July and continue until the
position is filled, with an anticipated
start date during Fall 2010. Applicants
possessing a PhD in the pharmaceu-
tical sciences or a related discipline,
or an MD or equivalent degree, should
submit a cover letter, curriculum vitae
(including a list of references) and
research plan through university online
hiring system [http://jobs.wayne.edu]
under the Department of Pharmaceu-
tical Sciences (H1822). If you have
any questions or concerns, please
feel free to email Tracey Kovach at
tracey.kovach@wayne.edu.

Wayne State University is a premier
institution of higher education offer-
ing more than 350 academic programs
through 14 school and colleges to more
than 34,000 students in metropolitan
Detroit.

Wayne State University is an Equal
Opportunity Employer.
**HBOI EXECUTIVE DIRECTOR**
Florida Atlantic University seeks a visionary and dynamic leader to serve as the Executive Director of Harbor Branch Oceanographic Institute (HBOI-FAU), located in Ft. Pierce, FL. The Executive Director will provide strategic vision and leadership to develop and expand HBOI-FAU research programs in marine science, engineering and technology through research collaborations and the diversification and expansion of funding sources to include federal, state, and regional public agencies, as well as corporations, foundations, and private individuals. The Executive Director will have leadership responsibility for the development and execution of FAU’s university-wide initiative for marine sciences and related areas. The ideal Director will bring an entrepreneurial spirit and innovative approach to planning and implementing programs that support HBOI and FAU faculty to expand research activities and participate in the development of graduate and postdoctoral programs in collaboration with FAU’s colleges. 

**Qualifications:** Candidates must possess a doctoral degree related to science or engineering. Degrees in oceanography, biology, marine science, biotechnology, chemistry, or ocean engineering are preferred. Candidates must have at least 5 years of appropriate experience preferably in an academic or research environment, in program development, acquisition and management of public and/or private research funding, administration, and operations. Experience managing multi-researcher, multi-disciplinary, or multi-institutional programs is desired, as is sufficient professional stature to serve as an advocate for and representative of FAU in the national and international scientific and engineering communities.

This position is a full-time, 12 month administrative faculty appointment, reporting to FAU’s Provost and Chief Academic Officer. Salary will be competitive and includes excellent benefits.

**To Apply:** Apply at [http://www.fau.edu](http://www.fau.edu) and click on Jobs at FAU position #980252. You must complete the Faculty, Administrative, Managerial & Professional application on-line and attach a letter of interest specifying qualifications, CV, and the contact information of three professional references. For more information about this position, visit [www.hboli.fau.edu](http://www.hboli.fau.edu). A background check is required for the candidate selected for this position. **Application deadline:** September 15, 2010.

FAU is an Equal Opportunity/Equal Access institution. For accommodations, call 561-297-3004. For communication assistance, call 7-1-1.

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**Associate Director, Clinical Informatics**

You will lead and participate in the strategic planning management, deployment and development of cyber-infrastructure and support services for clinical informatics within the Cancer Informatics Core Facility (CICF), as well as provide daily oversight of all clinical informatics activities of the CICF, including graduate training programs. The position reports to the Executive Director, Bioinformatics and plays a major role in ensuring the success of the CICF’s primary mission – realizing translational medicine by working at the interface of IT, biology and medicine to link bench and bedside.

The Cancer Institute of New Jersey (CINJ), New Brunswick NJ, is one of only 40 NCI-designated Comprehensive Cancer Centers, the only such center in New Jersey, and a leader in laboratory, clinical prevention and public health science. It delivers advanced comprehensive care to adults and children.

The ideal candidate will be a PhD and/or MD with experience and expertise in all aspects of clinical informatics and in project management in the biomedical field. Experience in handling issues pertaining to IT and biomedical informatics within a clinical environment is required. Preference will be given to individuals with experience/expertise on HIPAA and the development and deployment of clinical data systems for research. The leader we seek will be detail-oriented, a team player, with strong leadership and communication skills, and is skilled in problem solving and multitasking. Must be comfortable operating in a highly dynamic and rapidly changing environment. Minimum of 10+ years experience. Candidates who have led medical/bioinformatics support/training/education within an academic, clinical or industry environment will have an advantage.

UMDNJ offers a competitive salary & comprehensive benefits package. Please apply on-line at [www.umdnj.edu/hrweb](http://www.umdnj.edu/hrweb). Ref #18PS965869. UMDNJ is an AA/EO Employer, M/F/D/V.

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**Robert Wood Johnson Medical School**

**NCI-Designated Comprehensive Cancer Center**

You are invited to join a world renowned academic medical center, the largest and one of the oldest medical schools in the United States.

The Cancer Institute of New Jersey (CINJ), New Brunswick, NJ is one of only 40 NCI-designated Comprehensive Cancer Centers, the only such center in New Jersey, and a leader in laboratory, clinical prevention and public health science. It delivers advanced comprehensive care to adults and children.

**Associate Director, Clinical Informatics**

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UMDNJ offers a competitive salary & comprehensive benefits package. Please apply on-line at [www.umdnj.edu/hrweb](http://www.umdnj.edu/hrweb). Ref #18PS965869. UMDNJ is an AA/EO Employer, M/F/D/V.

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**Yale University School of Medicine**

**TWO FACULTY POSITIONS AT THE JUNIOR OR SENIOR LEVEL**

**DEPARTMENT OF CELLULAR AND MOLECULAR PHYSIOLOGY**

The Department of Cellular and Molecular Physiology is conducting two searches for two new faculty members at the junior or senior level.

The first search seeks candidates whose research connects the properties of molecules to the properties of physiological systems, with particular emphasis on integrative or translational research, or research that makes use of genetic techniques.

The other search seeks candidates who explore the dynamic properties of physiological systems using imaging or other cutting edge methodologies.

Excellent opportunities are available for collaborative research, as well as for graduate and medical student teaching. Candidates must hold a Ph.D., M.D., or equivalent degree. Applicants should identify the search for which they would like to be considered, and should include a curriculum vitae, a statement of research interests and goals, and three letters of reference. Applications should be emailed to [leisa.strohmaier@yale.edu](mailto:leisa.strohmaier@yale.edu)

Application Deadline: September 15, 2010

Yale University is an Affirmative Action/Equal Opportunity Employer.
Where will your research lead?

Postdoctoral Program

The Pfizer Research and Development organization is launching an ambitious postdoctoral training program that encompasses its Research, Biotech, and Technology Units. We are recruiting highly motivated Ph.D. recipients with a demonstrable track record of scientific productivity during their graduate training. Ideal candidates will express a passion for creative research that facilitates the translation of novel biological or technological advances into innovative therapies for human diseases. Postdoctoral positions are available in the following areas:

- INFLAMMATION AND IMMUNOLOGY
- METABOLIC DISEASES
- OLIGONUCLEOTIDE-BASED THERAPIES
- HIGH-CONTENT CELL-BASED SCREENING
- ANTIBODY-PROTEIN ENGINEERING
- VACCINE RESEARCH
- CANCER BIOLOGY AND BIOThERAPY

- PHARMACEUTICAL SCIENCES
- PROTEOMICS
- MUSCULOSKELETAL BIOLOGY
- STRUCTURAL BIOLOGY
- PHARMACOKINETICS, DYNAMICS AND METABOLISM
- ORGANIC CHEMISTRY

The Pfizer Research and Development organization strives to deliver innovative medicines that improve the lives of patients world-wide. Our postdoctoral program is designed to provide the research foundation that will lead to future improvements in disease therapy, while at the same time offering our trainees an exceptional career-building experience in the biomedical sciences. Our trainees perform cutting-edge research leading to publications in top-tier journals, attend high-profile scientific meetings, and interact with well-known academic labs worldwide.

You may explore and apply for specific opportunities by visiting us online at: www.pfizer.com/careers

We are proud to be an equal opportunity employer and welcome applications from people with different experiences, backgrounds and ethnic origins.

Working together for a healthier world™
Director, Sylvester Comprehensive Cancer Center
University of Miami Miller School of Medicine

Miami, Florida

University of Miami Miller School of Medicine announces the search for Director, Sylvester Comprehensive Cancer Center.

The Director will be the Sylvester Comprehensive Cancer Center’s chief academic leader and administrative officer, and has responsibility for and authority over all aspects of the Sylvester Comprehensive Cancer Center. He/she will provide leadership in all research, educational, and clinical research endeavors related to the Center and will develop an academically and clinically distinguished comprehensive oncology program. The Director will work to enhance the national reputation of the Center and its faculty, ultimately leading to NCI designation as a comprehensive Cancer Center.

Miami seeks an M.D. or Ph.D. with a sustained record of academic accomplishment, including significant leadership and managerial experience within an NCI designated Cancer Center, and a national and/or international reputation in oncology.

Korn/Ferry International is assisting Miami with this important search. Please forward your CV or nominations of highly qualified candidates to:

Warren Ross, M.D.
c/o Chad Perman (chad.perman@kornferry.com)
Korn/Ferry International
1835 Market Street, Suite 2000
Philadelphia, PA 19103

University of Miami is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

University of Medicine and Dentistry of New Jersey

Robert Wood Johnson Medical School

CHILD HEALTH INSTITUTE OF NEW JERSEY

The Child Health Institute of New Jersey (CHINU) at the UMDNJ-Robert Wood Johnson Medical School (RWJMS) is recruiting outstanding candidates to build scientific research programs focusing on children’s health and diseases in the following areas: (1) Inflammation, Immunity and Infection (including asthma and type 1 diabetes); (2) Autism and Neurodevelopment; (3) Pediatric Cancer and Stem Cells; (4) Obesity and Metabolism; and (5) Pediatric Translational Research. The new investigators will join a strong core group of scientists with expertise in gene expression and signal transduction, immunology, virology, hematology and oncology, neurosciences, developmental biology and stem cells. CHINU faculty will have outstanding opportunities for collaboration with colleagues at UMDNJ-RWJMS, The Cancer Institute of New Jersey, and Rutgers University. The CHINU is located in a 150,000 sq. ft. research and pediatric clinical facility adjacent to Bristol-Myers Squibb Children’s Hospital at Robert Wood Johnson University Hospital, and the PSE&G Children’s Specialized Hospital, creating an internationally recognized center of excellence in pediatric care and child health research.

Qualified candidates must have a Ph.D. and/or M.D., or equivalent graduate degree, and outstanding academic credentials. Tenure track appointments at the rank of Assistant, Associate and Full Professor will be made through departments at the Medical School, with full access to graduate programs and research resources. Successful candidates will be provided with competitive start-up packages.

Interested applicants should send their CV, a description of their research interests and plans, and the names of three references, via email addressed to: Arnold Rabson M.D., Director, Child Health Institute of New Jersey, 89 French St, New Brunswick, NJ 08901. E-mail: chisearch@umdnj.edu. The University of Medicine & Dentistry of New Jersey is an equal opportunity/affirmative action employer. Minorities, women, and those from other underrepresented groups are encouraged to apply.

NSLs-II EMPLOYMENT OPPORTUNITIES

Deputy Director, Experimental Facilities Division
Responsibilities include assisting Division Director in leading and managing the growing Division and providing decision-making input on all issues affecting the Division’s scientific and R&D programs, including resource planning, progress reporting, implementing best strategies and practices, and interfacing with other parts of the project.

Group Leader, Scientific Data Acquisition & Computing
Responsible for leading the effort in planning and developing scientific data acquisition and computing programs for experimental beamlines at NSLS-II, including interactions with the scientific community to develop and implement data acquisition systems in support of beamlines, and to develop scientific data handling systems and computing programs to enhance scientific productivity at NSLS-II.

The National Synchrotron Light Source II (NSLS-II), an optimized 3rd-generation synchrotron facility under construction at Brookhaven National Laboratory on Long Island, NY, is seeking qualified and highly motivated scientists and engineers to fill a number of key positions in the Experimental Facilities Division. The Experimental Facilities Division is responsible for all aspects of planning and developing scientific beamline programs at NSLS-II, including close interactions with the broad scientific user community.

To apply, or for more information/ additional job openings, visit http://www.bnl.gov/nslssl
National Institutes of Health
National Institute of Diabetes and Digestive and Kidney Diseases
Staff Scientist
Section on Biological Chemistry

The National Institute of Diabetes and Digestive and Kidney Diseases, a major research component of the NIH and the Department of Health and Human Services, is recruiting a Staff Scientist. The position will be available in Section on Biological Chemistry: http://intramural.niddk.nih.gov/research/faculty.asp?People_ID=1560

Applications are invited for a highly motivated individual to work collaboratively in an interdisciplinary group that is studying the biosynthesis and function of mucin-type O-linked glycans. The successful candidate will ideally have an earned a Ph.D. (or equivalent degree) in biochemistry, biophysics, cell biology, molecular biology, or quantitative biology with evidence of strong computational, verbal and written skills; experience in one or more of the following as evidenced by high quality, internationally referred journals: determination of protein structure (including recombinant protein expression, purification and crystallization), molecular bio-imaging (e.g. FRET, FRAP), protein trafficking, proteomics, signaling, systems analysis of biochemical systems. The candidate will be expected to employ combinations of biochemical, cell biological, imaging and structural tools to understand how both the glycosyltransferases that assemble O-glycans and the O-glycans themselves, function at both the molecular and cellular level.

A number of relevant core facilities, including those required to produce large scale levels of recombinant proteins, solve molecular structure by X-ray crystallography, and generate transgenic and knockout models are available within NIH.

The successful applicant will be expected to develop an independent line of inquiry. Initial appointment is for five years with the starting salary range of $89,033 - $123,615.

Applicants should submit their curriculum vitae, copies of their 3 most important publications with a description of their contribution to each paper, a short description of future research interests, and the names, and email addresses of at least three references to:

Dr. Lawrence A. Tabak, Building 31, Room 2C39, 31 Center Drive, MSC 2290, Bethesda, MD 20892-2290, Email: Lawrence.Tabak@nih.gov

Turn your discoveries into new drugs for nervous system diseases...
...with free access to industry-standard drug development services from NIH.

Do you have a promising compound but lack resources or experienced collaborators?

Collaborate with the new NIH Blueprint Neurotherapeutics Network—a “virtual pharma” with resources, expertise, and funding to advance promising compounds from chemical optimization through phase I clinical testing.

The Network is open to novices and experienced drug developers at universities, non-profit research organizations, and companies, and is structured so that you will retain ownership of the intellectual property for drugs you develop.

To apply, go to http://neuroscienceblueprint.nih.gov/ rfa/
The deadline is August 10, 2010.

For more information, visit www.neuroscienceblueprint.nih.gov
Endowed Professorship in Pharmaceutical Manufacturing  
Department of Industrial and Physical Pharmacy  
College of Pharmacy

The College of Pharmacy at Purdue University is seeking applications to fill an endowed professorship in the Department of Industrial and Physical Pharmacy in the general area of pharmaceutical manufacturing. Preferred candidates will have an internationally recognized research program and a record of high-impact contributions in the areas of Pharmaceutical or Biopharmaceutical Manufacturing, Pharmaceutical Materials, Science, Pharmaceutical Engineering, and/or Pharmaceutical Biotechnology. The selected individual will be expected to have and maintain a strong extramurally funded research program and to contribute to professional and graduate education in the School of Pharmacy and Pharmaceutical Sciences. The successful candidate will also be expected to participate, through research and educational collaborations, in the Pharmaceutical Engineering program at Purdue and to establish research collaborations with the pharmaceutical industry. This is a 9-month tenured position at the full or associate professor rank.

Candidates should have expertise in fundamental and applied research related to the development, design and manufacturing of pharmaceutical products. Representative areas of interest include:

- Physical pharmacy
- Development of novel pharmaceutical manufacturing processes and new drug delivery systems
- System and process modeling and optimization for pharmaceutical manufacturing
- Particle processing and particle technology
- Knowledge based dosage form design, biopharmaceutics and translational research
- Manufacturing of biopharmaceuticals (peptides, proteins, vaccines); upstream and downstream processing
- Pharmaceutical engineering
- Process sensing, imaging and control technologies

Qualifications: Candidates must hold a PhD degree in a relevant discipline and have a distinguished scholarly record meriting appointment to an endowed chair, a record of sustained extramural research funding, and a commitment to both undergraduate and graduate education.

Application: For consideration, please include a curriculum vitae, a letter of interest providing a summary of qualifications for the position, and the name and contact information for three references. Review of applications will begin October 1, 2010 and will continue until the position is filled. Application and nominations should be submitted to Mary Ellen Hurt, Endowed Professor Search Committee, Dep't. of Industrial and Physical Pharmacy, Purdue University, 575 Stadium Mall Dr., West Lafayette, IN 47907-2901 or e-mail to mhurt@purdue.edu. For further information concerning the search please contact Ms. Hurt at 765-494-6788.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.
Cancer Research UK funding for new investigators

Would you like to work with one of the world’s leading cancer research organisations? Do you have a strong track-record of research? Is your research relevant to understanding, preventing, diagnosing or treating cancer? Are you aiming to become a leader in your field?

Cancer Research UK is committed to developing the next generation of leaders in cancer research. Applications are invited from those with interests in any area of basic, biomedical and population research, relevant to cancer research. We are aiming to support up to ten new investigators in this round of applications.

**Career Establishment Award**

*We will provide:*
- Five years’ salary and running expenses for a post-doctoral researcher and a technician.

*About you:*
- You are an exceptional scientist who is looking to establish your own research group.
- You are within three years of taking up a full-time post which is fully funded by the relevant national Higher Education Funding Council at a UK university.

**Career Development Fellowship**

*We will provide:*
- Six years’ salary and running expenses for you, a post-doctoral researcher and a technician.

*About you:*
- You are a promising post-doctoral scientist who wishes to achieve independence in your research for the first time.
- You have between three and six years of post-doctoral research experience.

**Senior Cancer Research Fellowship**

*We will provide:*
- Six years’ salary and running expenses for you, two post-doctoral researchers, a technician and a student.

*About you:*
- You are an outstanding scientist or clinician who wishes to develop your independence.
- You have between six and ten years of post-doctoral research experience and may already be running your own research group.

You can find eligibility guidelines and application forms for these awards on our website at: [http://science.cancerresearchuk.org/funding/index.htm](http://science.cancerresearchuk.org/funding/index.htm)

The deadline for preliminary applications is Thursday 19th August 2010.

For more information contact:
Dr Joslyn Taylor (joslyn.taylor@cancer.org.uk); 020 7438 5346 (Fellowships)
or Dr Francis Marshall (francis.marshall@cancer.org.uk);
020 7438 5415 (Career Establishment Awards)

Okinawa Institute of Science and Technology

New Faculty Positions

The Okinawa Institute of Science and Technology (OIST [http://www.oist.jp](http://www.oist.jp)) invites applications for new faculty positions as it enters a period of growth in preparation for transition to an international graduate university in 2012. Approximately 15 faculty positions will be filled during this search. OIST provides a world-class research environment in newly completed facilities in an area of distinctive culture, unique ecology, and outstanding natural beauty.

Successful candidates will be given the opportunity to excel in their chosen area of research, and will be expected to contribute to graduate teaching, research supervision and other academic activities. Applicants should have a PhD or equivalent degree, and demonstrate excellence in research.

The initial appointment will be as Principal Investigator (PI) or Independent New Investigator (INI) for a term of five years. When the transition to a graduate university is completed in 2012, it is planned that PI and INI positions will change to a tenure track system with Assistant Professors, Associate Professors, and Professors. Some appointments will be made on a joint or part-time basis. Substantial internal funding will be provided to support the faculty member’s research, based on a 5-year research plan, which is renewable after scientific review.

This search is targeted broadly. The non-departmental structure of OIST and orientation toward interdisciplinary research permits flexibility in appointing applicants who are able to introduce new research areas or enhance existing areas. Established research areas include genomics, developmental biology, mathematical and computational biology, molecular and cell sciences and neuroscience. New research areas include structural biology, biological physics, biological chemistry, marine sciences, ecology and evolutionary biology, and microbial and plant genetics. Applicants with exceptional skills in the development of novel instrumentation, particularly instruments that will further revolutionize imaging of bio- and nanosystems, are also encouraged to apply.

At a time when worldwide support for research is increasingly risk-averse, and grant funding places an ever-growing burden on faculty, OIST promotes innovative research in a highly facilitating and supportive environment. This is achievable because OIST has internal research funding, offers outstanding central research facilities, and consults faculty on the design of new laboratory space. Central research facilities at OIST include core facilities for genomics, rodent vivarium, radionuclide use, electron microscopy, and supercomputing facilities.

OIST is committed to being international with more than 50% of faculty and researchers from outside Japan. The official language of OIST is English. OIST is an equal opportunity, affirmative action employer and encourages applications from women.

More details regarding the aims of the search and advantages of working at OIST are available in the Information for Applicants in the application package that is downloadable from the website ([http://www.oist.jp/en/newsevent/careers/542-facultypositions.html](http://www.oist.jp/en/newsevent/careers/542-facultypositions.html)). Applications should be submitted in accordance with the instructions in the application package. Applications for the current search close **31 July 2010**. Interviews will take place in late August/September, with a view to making appointments early in 2011.
Biology - Tenure Track Faculty Position

The University of San Diego (USD), Department of Biology, invites applications for a tenure track faculty position beginning in September 2011. The department seeks applicants with expertise in terrestrial or freshwater Ecology to offer a course in statistics and participate in our ecological course offerings at the lower and upper division. USD is an independent Catholic university whose primary aim is teaching excellence. Active scholarship is integral to this aim, and the candidate is expected to have an ongoing research program with a field component that will involve undergraduates.

To apply, please go to: http://aptrkr.com/150954 (Job Number IRC1110).

Women and minority candidates are encouraged to apply. Additional information about the University can be found at our website, www.sandiego.edu.
CIFAR's Junior Fellow Academy Announces New Fellowships

The Junior Fellow Academy of the Canadian Institute for Advanced Research is an elite fellowship program designed to build research and leadership capacity in gifted young scholars at a critical early stage of career development. The Academy provides unique opportunities for personal and professional growth through close collaboration with and mentorship from some of the best researchers in Canada and around the world.

By participating both in an innovative CIFAR research program and the leadership-building Junior Fellow Academy, Junior Fellows learn to embrace CIFAR’s core values: to think broadly and imaginatively across disciplines and to collaborate on a deep level with colleagues. These valuable experiences are intended to profoundly impact a Junior Fellow’s future career path.

CIFAR Junior Fellowships are held in conjunction with a university appointment. Most typically, Junior Fellows work as postdoctoral fellows under the direct supervision of one or more CIFAR program members. In social science and humanities disciplines, where postdoctoral fellowships are less common, Junior Fellows may hold a junior faculty position.

Eligibility: The program is targeted to individuals who have completed their PhD within the past three years and have demonstrated outstanding scholarship and research potential. Individuals currently completing their doctorates are also eligible to apply.

Duration: Two years.

Value:
- For postdoctoral fellows (per year): $65,000 CDN/US for salary, plus benefit support, if needed
- $5,000 CDN/US for research support

For junior faculty members (per year):
- $50,000 CDN/US for research support

US dollar values apply when positions are held outside of Canada.

How to Apply: Available Junior Fellowship positions and application instructions will be posted on or before July 5, 2010 at www.cifar.ca/JFA, with an application deadline of September 1, 2010. New positions and deadlines will be posted each spring and fall. Visit today for more information about CIFAR and its Junior Fellow Academy.

CIFAR is strongly committed to diversity within its community, and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups and others who may contribute to further diversification of ideas.

CIFAR’s Research Programs:
- Cosmology and Gravity; J. Richard Bond, Director
- Earth System Evolution; Jerry Mitrovica, Director
- Experience-based Brain and Biological Development; Tom Boyce and Marla Sokolowsk, Directors
- Genetic Networks; Brenda Andrews, Director
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- Nanoelectronics; Peter Grütter, Director
- Neural Computation and Adaptive Perception; Geoffrey Hinton, Director
- Quantum Information Processing; Raymond Laflamme, Director
- Quantum Materials; Louis Taillefer, Director
- Social Interactions, Identity and Well-Being; George Akerlof and John Hellinwell, Directors
- Successful Societies; Peter A. Hall and Michèle Lamont, Directors

Smithsonian Tropical Research Institute

Two Ecologist Positions

Smithsonian Institution Global Earth Observatory (SIGEO) Center for Tropical Forest Science (CTFS)

The Smithsonian Institution Global Earth Observatories (SIGEO)/Center for Tropical Forest Science (CTFS) is a voluntary consortium of research institutions, forestry agencies, universities and NGOs responsible for managing and overseeing the long-term censuses of woody species on large plots in temperate and tropical forests across the world. SIGEO/CTFS represents a major research initiative in the science portfolio of the Smithsonian Institution. This network of large-scale forest plots is uniquely positioned to enable scientists to measure long-term fluctuations in primary productivity of forests around the globe, to measure changes in the abundance and distribution of biological diversity, and to assess the impact of changing environmental conditions on forests of the world. SIGEO/CTFS consists of 40 standardized, large-scale demographic tree plots established in 21 countries, which is monitoring more than 4 million trees of about 8,500 species.

Temperate Forest Ecologist

The Smithsonian Institution seeks a Forest Ecologist and Coordinator of the North American Temperate Forest Program of SIGEO/CTFS. The successful candidate is responsible for conducting independent research on the ecology of temperate tree communities using plots of the SIGEO/CTFS network, and will be responsible for developing the collaborative network of SIGEO/CTFS plots in North America, including coordination of research and training activities, oversight of data management, and creation of new research initiatives. Candidates should hold a PhD in ecology or related discipline, have an exceptional record of research and scholarly publication, and be able to work in highly collaborative environment.

This is a full-time federal Career-Conditional position. U.S. Citizenship is required. Apply online at http://www.si.edu/ohr. Announcement number: 10A-AW-296173-DEU-OUSS or 10A-AW-296173-MPA-OUSS. Closing date for applications is 25 July 2010.

Tropical Ecosystem Ecologist

The Smithsonian Institution seeks a Tropical Ecosystem Ecologist and Coordinator of the Forest Carbon Initiative of SIGEO/CTFS. The successful candidate is responsible for conducting independent research in the area of forest ecosystem ecology using the global network of SIGEO/CTFS forest plots. The position is responsible for coordinating research and training activities, and developing a collaborative network of research on ecosystem ecology among the plots, with a strong focus on forest carbon budgets. The incumbent will provide reliable, long-term oversight and data quality management, make fundamental observations regarding the nature of forest change over time, and contribute to a predictive science capable of informing policy makers of the potential consequences for forests of global environmental change and biodiversity loss. Candidates should hold a PhD in ecosystem ecology or related discipline, have an exceptional record of research and scholarly publication, and be able to work in highly collaborative environment.

This Tropical Ecosystem Ecologist position is based at the headquarters of SIGEO/CTFS at the Smithsonian Tropical Research Institute in the Republic of Panama. This is a full-time federal Excepted Service position. U.S. Citizenship is not required.

Review of applications will begin on 25 July 2010 and will continue until the position is filled. Please send applications electronically to the Director of STRI, c/o Ms. Luz Latorraca, Office of Human Resources at: latorral@si.edu. Address inquires to Dr. Stuart Davies, Chair, Search Committee at: sdavies@oeb.harvard.edu. This notice is also shown at the web page www.stri.org

To learn more about CTFS and SIGEO, visit our websites (http://www.ctfs.si.edu/ and http://www.sigeo.si.edu/) and newsblog (http://ctfsnews.blogspot.com/).

The Smithsonian Institution is an Equal Opportunity Employer.
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DEPUTY DIRECTOR, DIVISION OF ASTRONOMICAL SCIENCES
National Science Foundation, Arlington, VA

NSF’s Division of Astronomical Sciences (AST) seeks candidates for the position of Deputy Division Director. The incumbent provides leadership and management to the Division’s programs and assists the Division Director in carrying out diverse responsibilities such as preparation of budget submission for Congress and recruitment of scientific staff. Information about the Division’s activities can be found at website: http://www.nsf.gov/div/index.jsp?div=AST.

The mission of the Division of Astronomical Sciences is to support forefront research in ground-based astronomy; to help ensure the scientific excellence of the U.S. astronomical community; to provide access to world-class research facilities through merit review; to support the development of new instrumentation and next-generation facilities; and to encourage broad understanding of and diverse participation in the astronomical sciences.

Appointment to this Senior Executive Service position may be on a career basis, or on a one- to three-year limited term basis, with a salary range of $155,500 to $172,272. Alternatively, the incumbent may be assigned under Intergovernmental Personnel Act (IPA) provisions.


Applicants may also obtain the announcement by contacting the Executive Personnel Staff, telephone: 703-292-4367. Hearing impaired individuals may call TDD 703-292-8044. Please address any technical questions to Dr. Morris Aizenman, telephone: 703-292-8807. Applications must be received by July 16, 2010. NSF is an Equal Opportunity Employer.

RESEARCH ASSOCIATE AND POSTDOCTORAL POSITIONS IN CANCER POPULATION GENETICS AND GENOMICS, MEMORIAL SLOAN-KETTERING CANCER CENTER

Starting fall 2010. Focus on inherited susceptibility to cancers of the breast, ovary, colon, prostate, and lymphoma. Methodologies include whole genome association studies, candidate gene association, and full sequencing approaches (see PubMed identifiers 19567420, 19287384, 19497787, 18326623). Applicant must have strong background in population genetics and laboratory experience with high throughput genomics. Send applications and three letters of reference to: Kenneth Offit, M.D., M.P.H., Clinical Genetics Service, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, Box 192, New York, NY 10021. Fax: 646-884-4081; e-mail: offitk@mskcc.org. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer with a strong commitment to enhancing the diversity of its faculty and staff. Women and applicants from diverse racial, ethnic, and cultural backgrounds are encouraged to apply.

ASSISTANT/ASSOCIATE PROFESSOR OF PHYSIOLOGY
Southern Illinois University Carbondale

The Department of Physiology at Southern Illinois University Carbondale’s School of Medicine, Carbondale, invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor effective January 1, 2011. The specific area of research of the candidate should be competitive for extramural funding and preferably complement existing departmental strengths in cancer biology, neurosciences, reproduction, endocrinology, aging, and metabolism/obesity. The successful candidate will be expected to contribute to the medical school, graduate, and/or undergraduate teaching responsibilities of the Department. The position includes a 100 percent time 12-month, state-funded competitive salary, spacious research facilities, and substantial startup funds. The University has over 22,000 students making it the second largest public university in Illinois. Applicants must have a Ph.D. (or equivalent degree) and evidence of high quality research potential. Postdoctoral experience is required. For appointment at the associate level, the candidate should have faculty status at a university (or equivalent), an extramurally funded research program, and a strong record of research productivity as evidenced by a history of extramural funding and extensive publications in scientific journals. Additional Departmental information is available at website: http://www.siucmed.edu/physiology/.

Review of applications will begin September 15, 2010, and will continue until the position is filled. Applicants should submit curriculum vitae along with a description of research and teaching interests and should arrange to have at least three letters of reference sent to:

Faculty Search Committee
c/o Dr. Michael W. Collard
Department of Physiology
School of Medicine
Mail Code 6512
Southern Illinois University Carbondale
1125 Lincoln Drive
Carbondale, IL 62901

SIUC is an Affirmative Action/Equal Opportunity Employer that strives to enhance its ability to develop a diverse faculty and staff to increase its potential to serve a diverse student population. All applications are welcomed and encouraged and will receive consideration. This is a security sensitive position. Before any offer of employment is made the University will conduct a preemployment background investigation, which includes a criminal background check.

DEPUTY OFFICE HEAD
Office of Polar Programs
National Science Foundation
Arlington, VA 22230

NSF’s Office of Polar Programs seeks applicants for the position of Deputy Office Head. The Deputy Office Head is a member of the senior management team and provides leadership in developing goals and implementing plans that respond to current and emerging polar research and education opportunities. Activities of the Office and in representing the Office in discussions with senior officials in the United States and other nations as well as in discussions with members and representatives of the research and education community in the United States and abroad.

The Senior Executive Service position may be on a career basis, a one- to three-year limited term basis, or under the Intergovernmental Personnel Act (IPA) provisions.


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